921732000D

ROUGH COUNTRY
SUSPENSION SYSTEMS®

TOYOTA 2022 Tundra TRD Pro 2.5” Lift Kit

Thank you for choosing Rough Country for all your suspension needs.
Rough Country recommends a certified technician install this system. In addition to these instructions, professional knowledge of disassemble/reassembly procedures as well as post installation checks must be known. Attempts to install this system without this knowledge and expertise may jeopardize the integrity and/or operating safety of the vehicle.

Please read instructions before beginning installation. Check the kit hardware against the parts list. Be sure you have all needed parts and know where they go. Also please review the tool list and make sure you have the necessary tools to install the kit.

PRODUCT USE INFORMATION

⚠WARNING As a general rule, the taller a vehicle is, the easier it will roll. We strongly recommend, because of rollover possibility, that seat belts and shoulder harnesses should be worn at all times. Avoid situations where a side rollover may occur. Generally, braking performance and capability are decreased when larger/heavier tires and wheels are used. Take this into consideration while driving. Do not add, alter, or fabricate any factory or after-market parts to increase vehicle height over the intended height of the Rough Country product purchased. Mixing component brands is not recommended.

Rough Country makes no claims regarding lifting devices and excludes any and all implied claims. We will not be responsible for any product that is altered. We will be happy to answer any questions concerning the design, function, and correct use of our products.

This suspension system was developed to accommodate a **Maximum tire size of 35 x 12.50 on an 20x9” 0mm Offset. Larger tires or different wheel offsets will need to be verified prior to use.**

⚠NOTICE **NOTICE TO DEALER AND VEHICLE OWNER**

Any vehicle equipped with any Rough Country product should have a “Warning to Driver” decal installed on the inside of the windshield or on the vehicle’s dash. The decal should act as a constant reminder for whoever is operating the vehicle of its unique handling characteristics. It is your responsibility to install the warning decal and forward these installation instructions on to the vehicle owner for review. These instructions should be kept in the vehicle for its service life.

⚠NOTICE Note to installer : Before installation begins we recommend that a test drive be performed. While driving check for uncommon sounds and/or vibrations . What you feel and hear during the test drive will only magnify once lift kit is installed. Advise you to discuss possible issues identified from drive with customer before proceeding to install this kit.

Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4”	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

RC ROUGH COUNTRY

Kit Contents

73200BOX1

Front

2 - Front Preload Spacers

2 - Front Strut Spacers

1 - Dr Upper Control Arm

1 - Pass Upper Control Arm

1-81052BAG

2- 1/2" Ball Joint Washers

1 - 73200BAG1

2 - Strut Washer

2 - Rear Spacers

1 - 70300BAG3 (Rear Kit Bag)

2 - Flag Nuts

2 - 1/2" x 1.25" Bolts

2 - 1/2" Flat Washers

2 - 3/4" x 3.5" Bolts

2 - 3/4" Lock Nuts

4 - 3/4" Flat Washers

2 - 3/8" x 1" Bolts

2 - 3/8" Flat Washers

2 - 3/8" Flange Lock Nuts

1 - 5/16" x 3/4" Bolt

1 - 5/16" Flat Washer

1 - 5/16" Flange Lock Nut

1 - 10mm x 35mm Bolt

1 - 10mm Flat Washer

1 - 10mm Serrated Flange Nut

1 - 9/16" x 13/16" x 1.6" Sleeve

1 - 14mm x 80mm Bolt

1 - 14mm Lock Nut

2 - 9/16" Flat Washers

1 - Track Bar Bracket

1 - Track Bar Bracket Shim

2 - Rear Shock Bracket

1 - LR Shock Bracket Brace

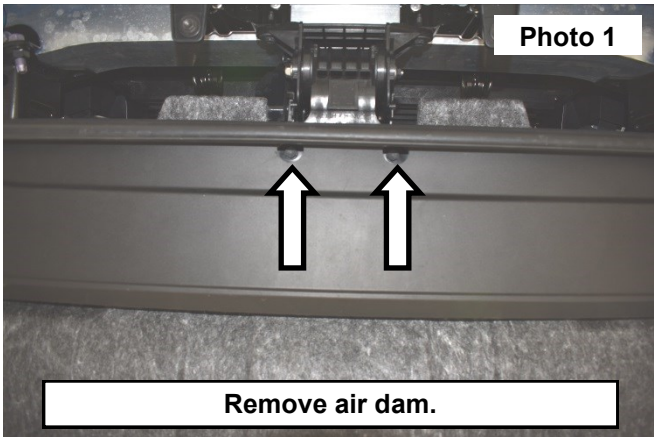
1 - RR Shock Bracket Brace

Tools Needed:

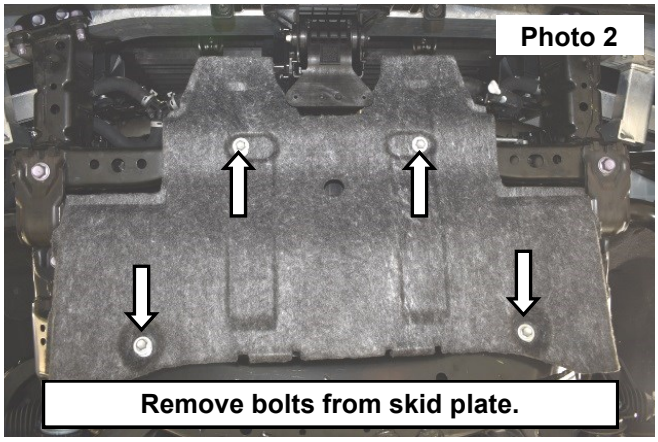
10mm Socket/Wrench
12mm Socket/Wrench
13mm Socket/Wrench
14mm Socket/Wrench
15mm Socket/Wrench
17mm Socket/Wrench
19mm Socket/Wrench
22mm Socket/Wrench
24mm Socket/Wrench
43mm Socket/Wrench
1/2" Socket/Wrench
9/16" Socket/Wrench
5/8" Socket/Wrench
3/4" Socket/Wrench
1-1/8" Socket/Wrench
Trim Remover Tool

FRONT INSTALLATION INSTRUCTIONS

1. Jack up the front of the vehicle and place on jack stands. Remove the front wheels.
2. Remove 2 bolts from the center of the air dam using a 10mm socket/wrench to release the air dam. **See Photo 1**.
3. Remove the 4 bolts from the skit plate using a 12mm socket/wrench. **See Photo 2**.

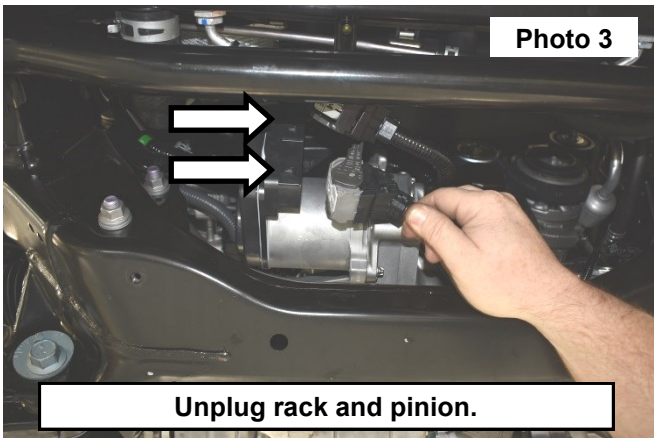


Remove air dam.

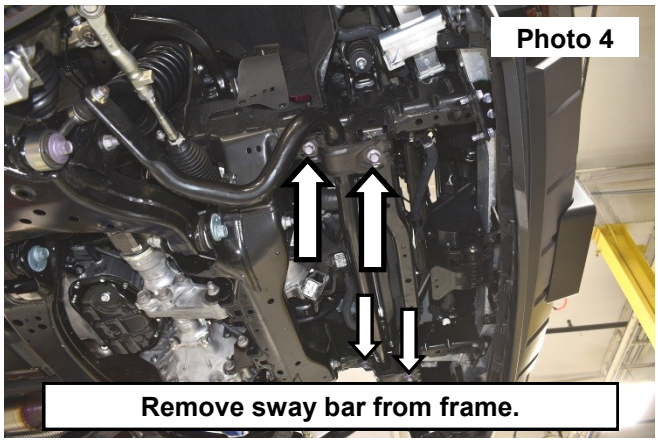


Remove bolts from skid plate.

4. Unplug the rack and pinion. **See Photo 3**.
5. Remove the sway bar from the frame using a 17mm socket/wrench. **See Photo 4**.

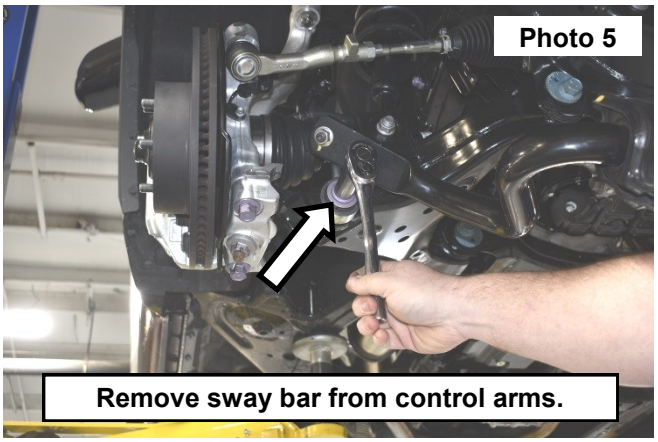


Unplug rack and pinion.

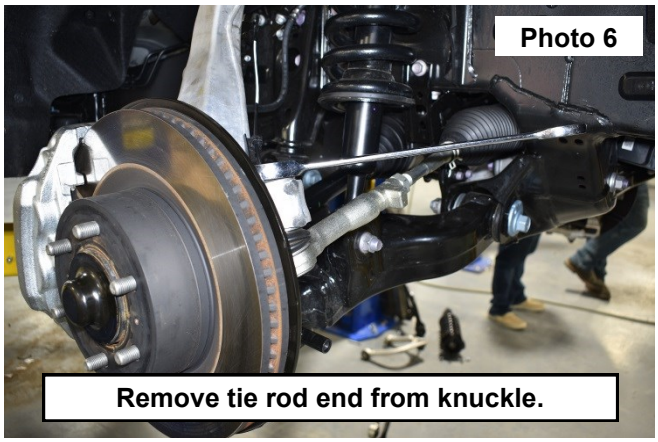


Remove sway bar from frame.

6. Remove the sway bar from the control arms using a 19mm socket/wrench. **See Photo 5**.
7. Remove the tie rod end from the knuckle using a 24mm socket/wrench. **See Photo 6**.

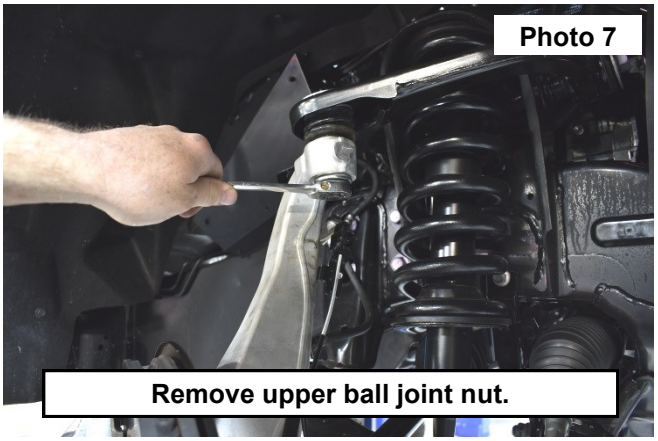


Remove sway bar from control arms.

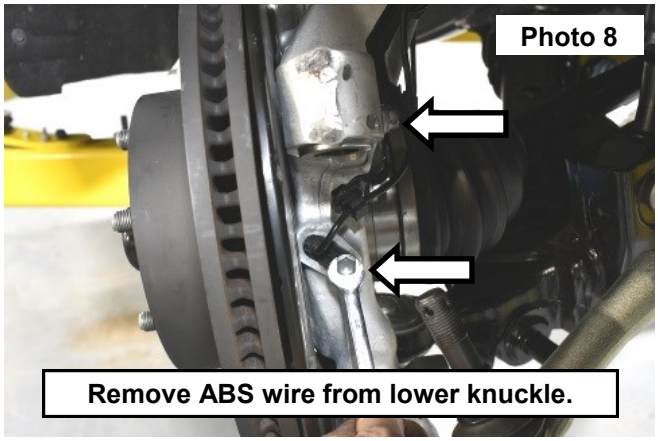


Remove tie rod end from knuckle.

8. Remove the J-clip from the upper ball joint nut and remove the nut using a 19mm socket/wrench. **See Photo 7**.
9. Remove the ABS wire from the lower knuckle using a 10mm socket/wrench. **See Photo 8**.

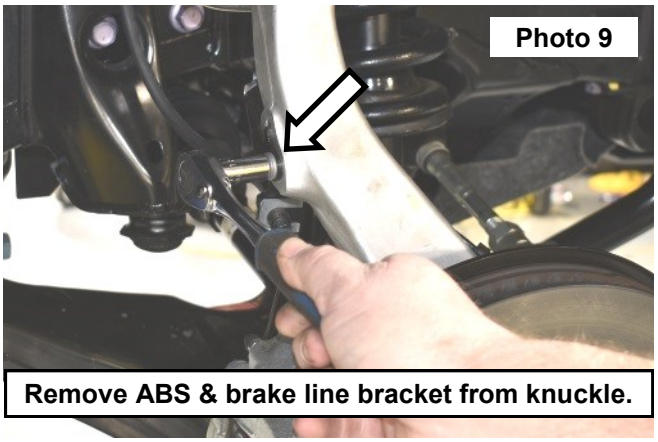


Remove upper ball joint nut.

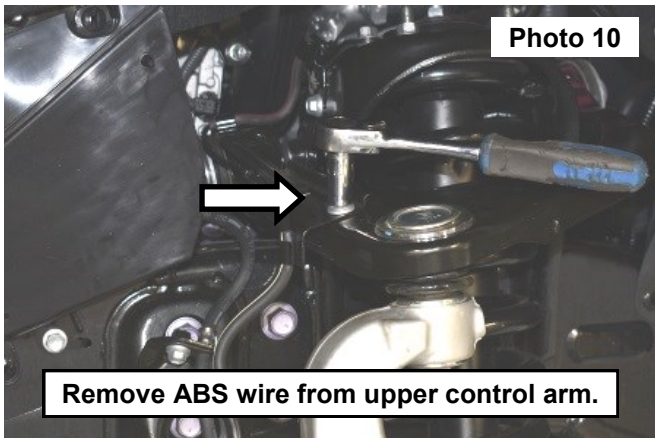


Remove ABS wire from lower knuckle.

10. Remove the ABS wire and brake line bracket from the knuckle using a 10mm & 12mm socket/wrench. **See Photo 9**.
11. Remove the ABS wire from the upper control arm using a 10mm socket/wrench. **See Photo 10**.

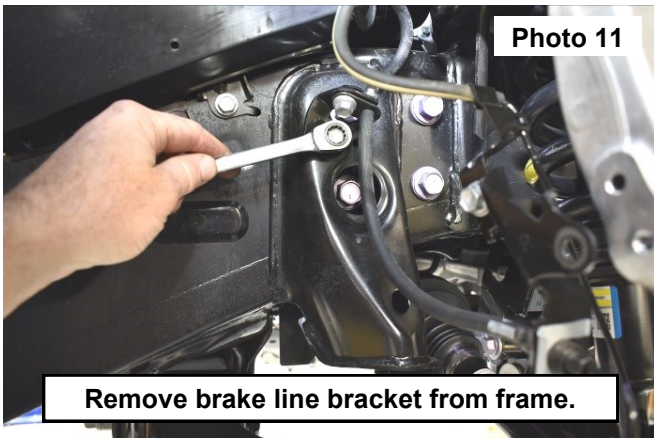


Remove ABS & brake line bracket from knuckle.

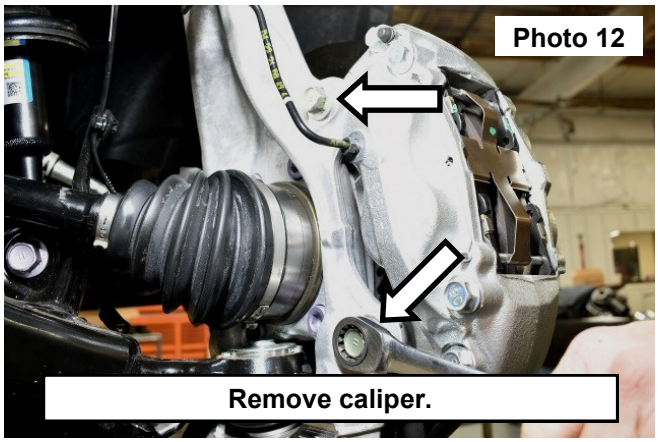


Remove ABS wire from upper control arm.

12. Remove the brake line bracket from the frame using a 12mm socket/wrench. **See Photo 11**.
13. Remove the brake caliper from the knuckle using a 19mm socket/wrench. **See Photo 12**.
    NOTE: After removing caliper, hang it using hooks or rest on a stand--do NOT hang it from the brake line.

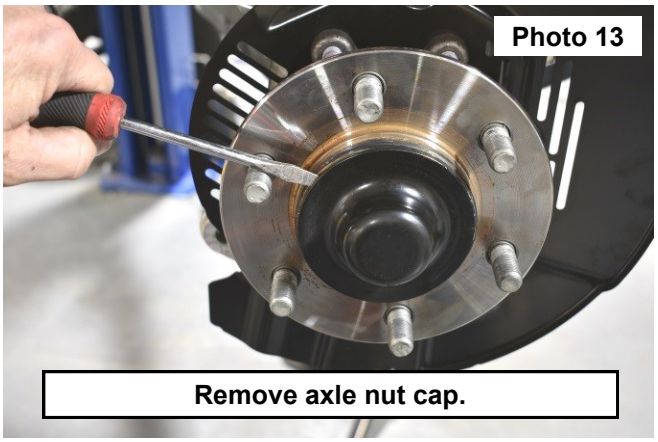


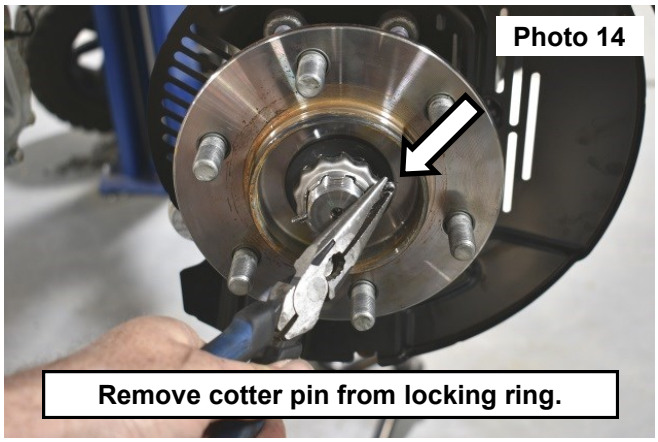
Remove brake line bracket from frame.



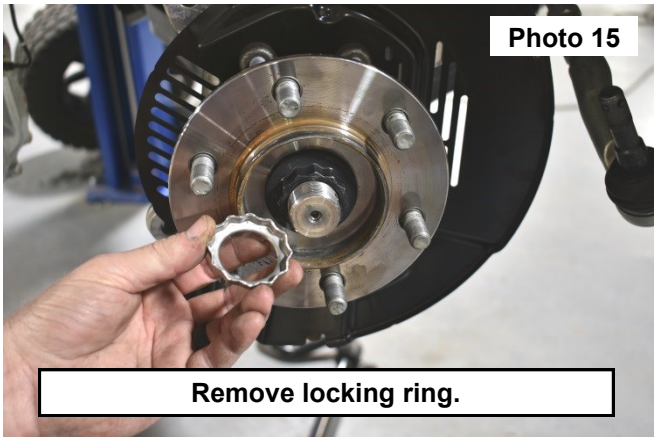
Remove caliper.

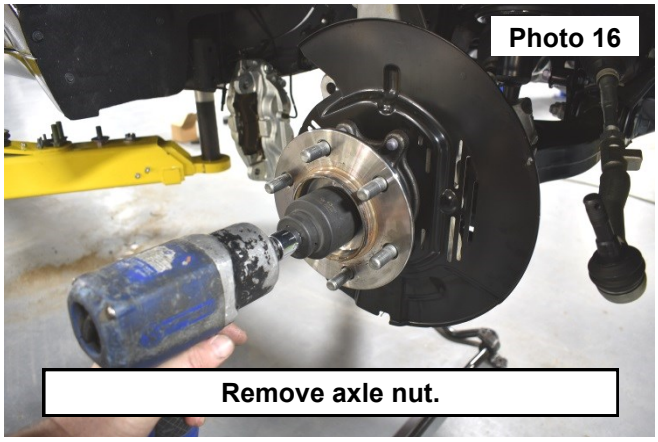
14. Remove the rotor, axle nut cup, and the cotter pin from the locking ring. **See Photo 13** and **Photo 14**.



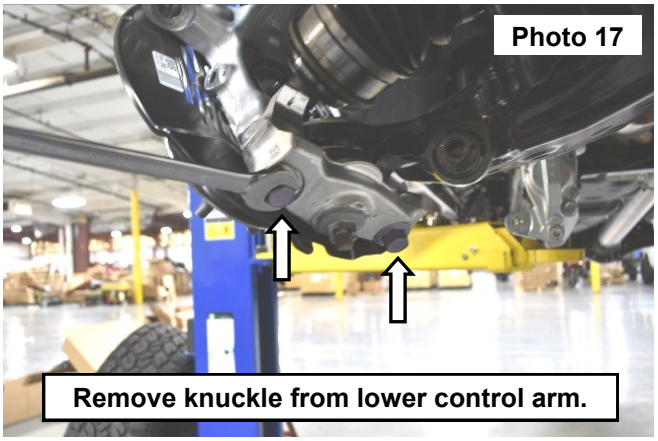


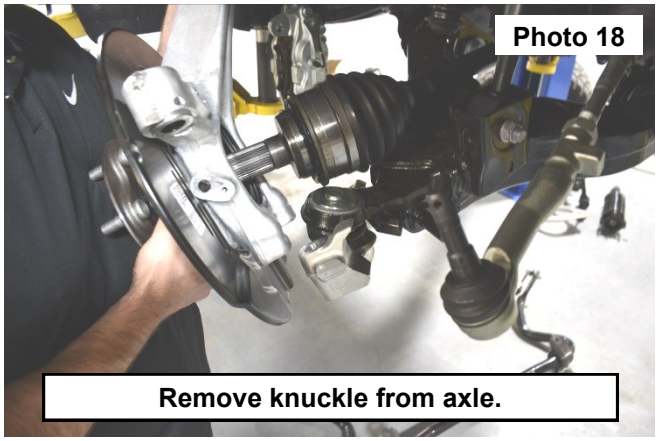
15. Remove the locking ring and remove the cotter pin using a 39mm socket. **See Photo 15** and **Photo 16**.



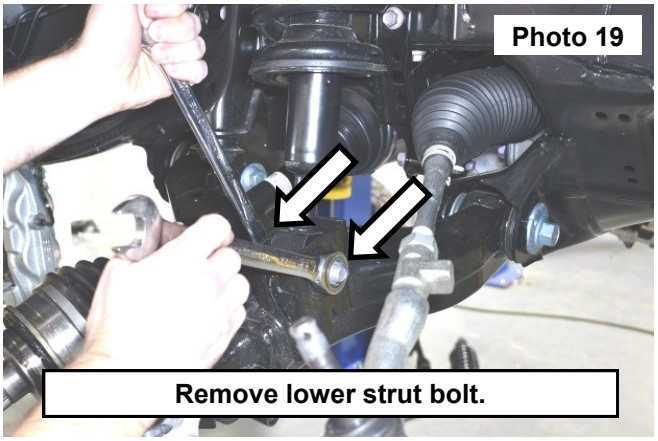


16. Remove the bolts for the knuckle from the lower control arm using a 22mm socket/wrench. **See Photo 17**.
17. Remove the knuckle from the axle. **See Photo 18**.

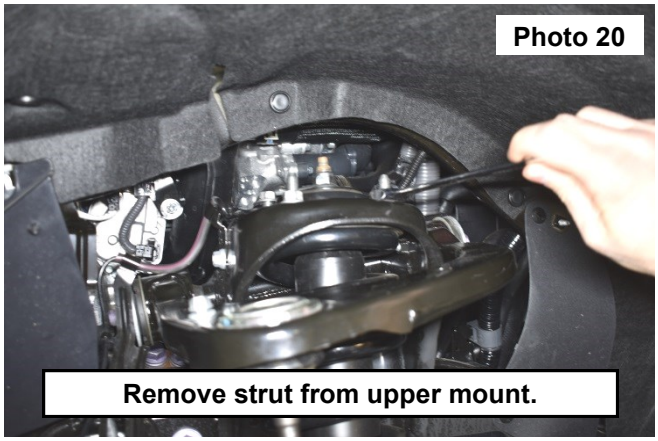




18. Remove lower strut bolt from the control arm using two 22mm wrenches. **See Photo 19**.
19. Remove the nuts from the upper strut mount using a 14mm wrench. **See Photo 20**.

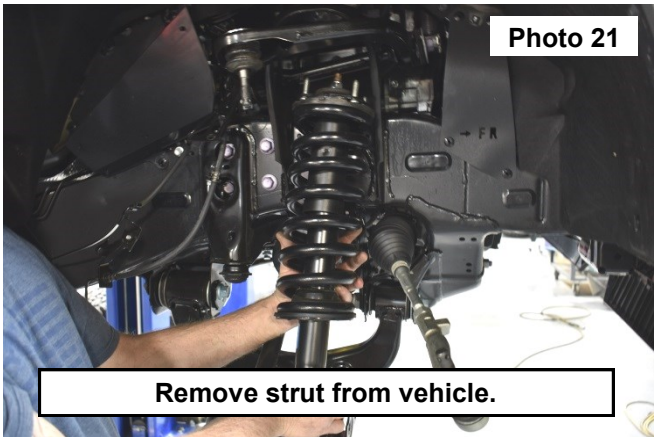


Remove lower strut bolt.

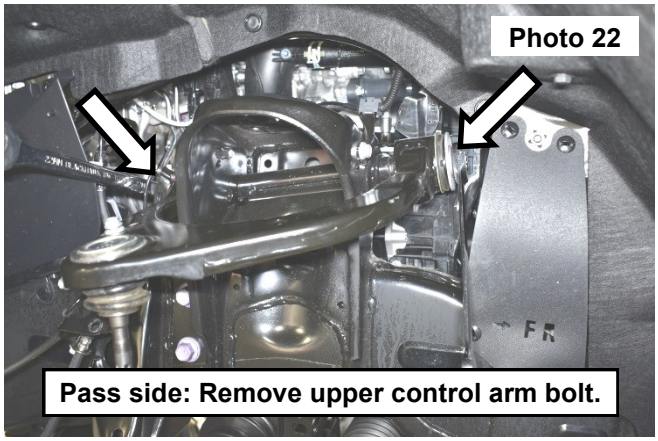


Remove strut from upper mount.

20. Loosen lower control arm cam bolts using two 24mm sockets/wrenches to allow the lower control arm to drop and remove the strut from the vehicle. **See Photo 21**.
21. **Passenger side**: Remove the upper control arm bolt using two 22mm wrenches. **See Photo 22**.

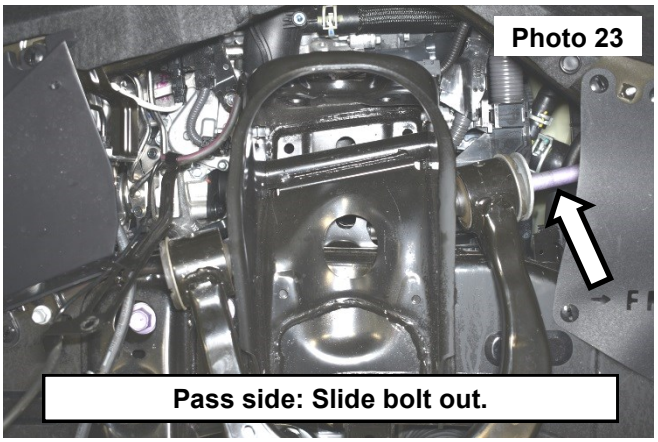


Remove strut from vehicle.

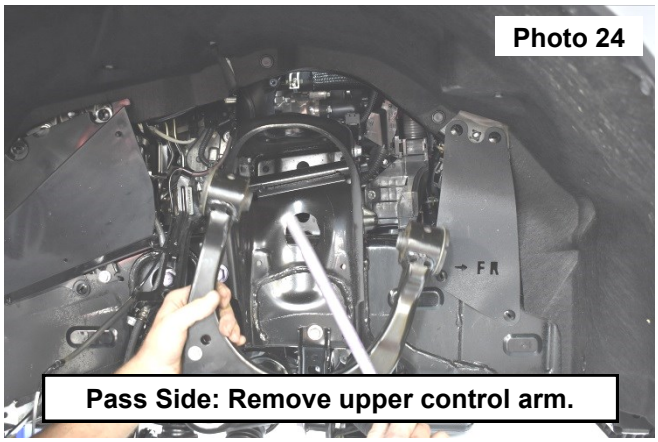


Pass side: Remove upper control arm bolt.

22. Slide the bolt out to remove the upper control arm. **See Photo 23**.
23. Remove the upper control arm. **See Photo 24**.

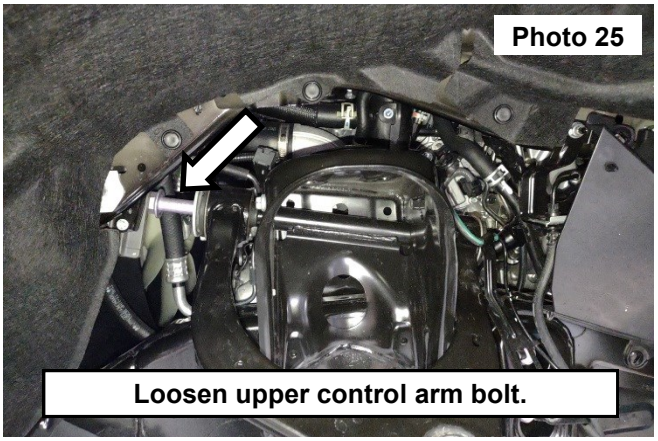


Pass side: Slide bolt out.

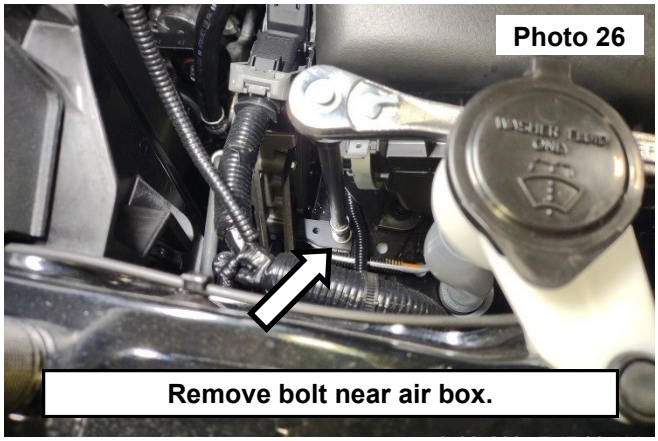


Pass Side: Remove upper control arm.

24. **Driver side**: Loosen upper control arm bolt using two 22mm wrenches. **See Photo 25**.
25. Open the hood and remove the bolt near the air box using a 10mm socket. **See Photo 26**.

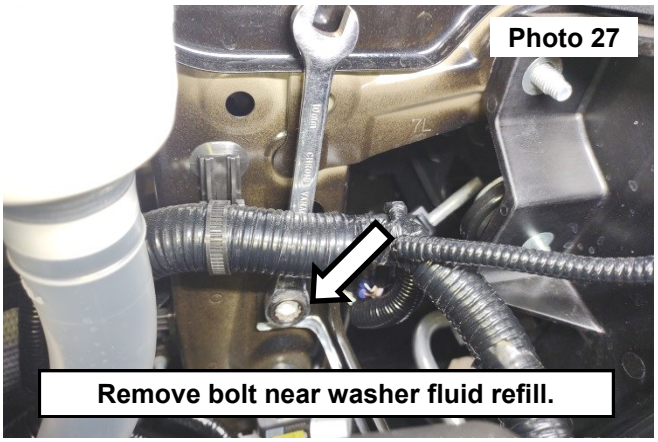


Loosen upper control arm bolt.

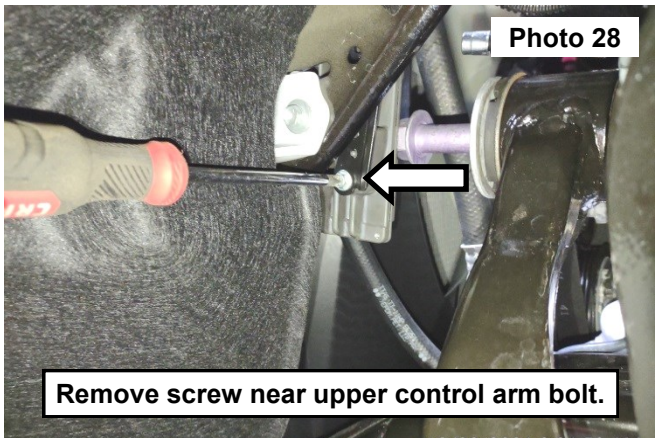


Remove bolt near air box.

26. Remove the bolt near the washer fluid refill using a 10mm wrench. **See Photo 27**.
27. Remove the screw next to the upper control arm bolt using a screw driver. **See Photo 28**.

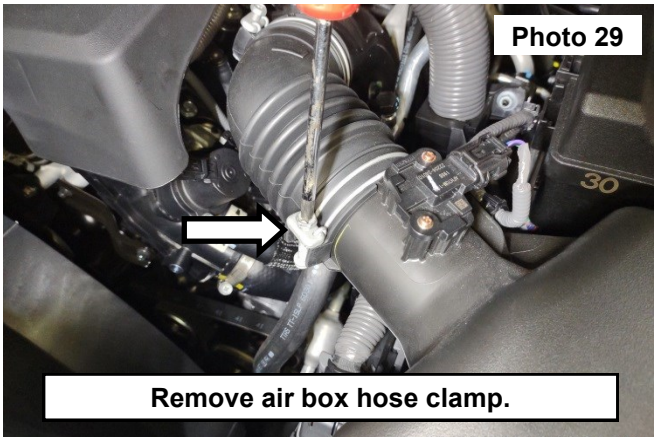


Remove bolt near washer fluid refill.

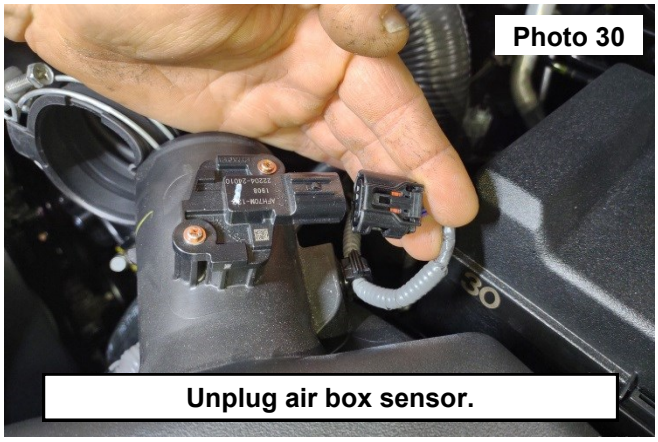


Remove screw near upper control arm bolt.

28. Unscrew the air box hose clamp using a screw driver. **See Photo 29**.
29. Unplug the air box sensor. **See Photo 30**.

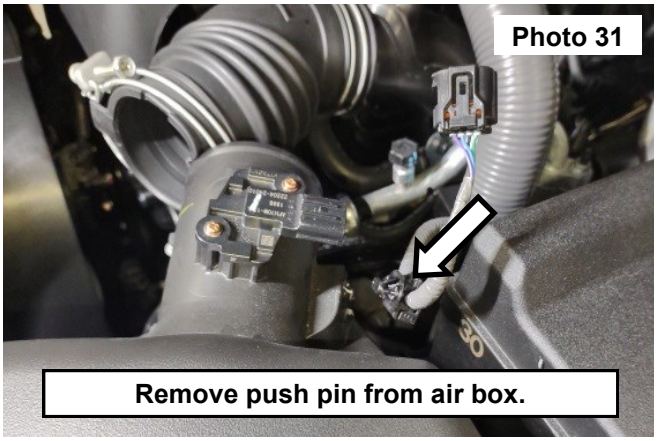


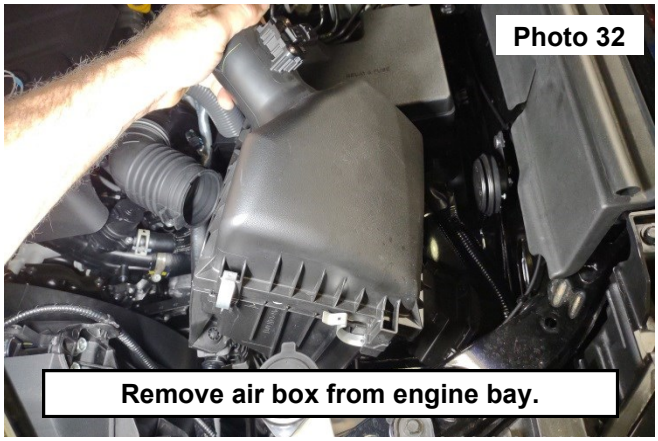
Remove air box hose clamp.



Unplug air box sensor.

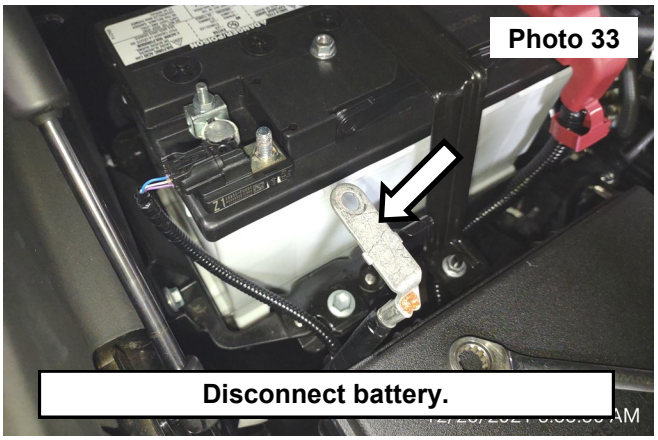
30. Remove the push pin from the air box. **See Photo 31**.
31. Remove the air box from the engine bay. **See Photo 32**.

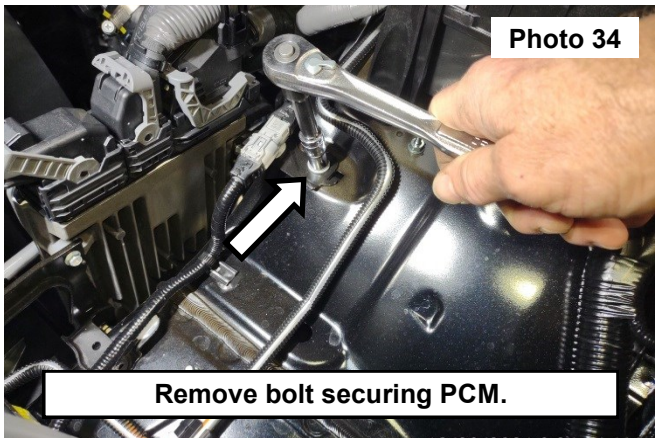




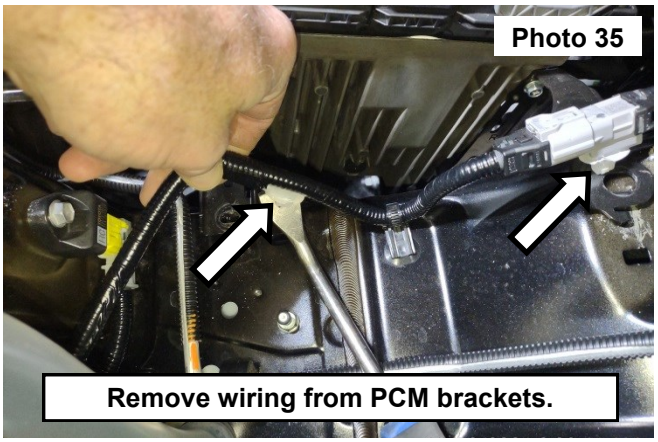
⚠ NOTICE

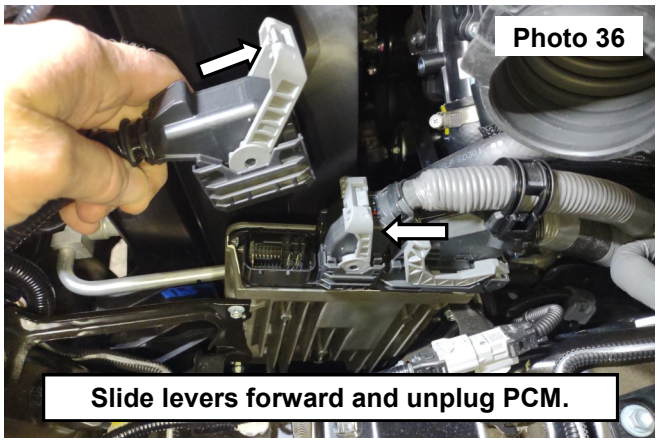
32. Disconnect the battery using a 12mm wrench. **See Photo 33**.
33. Remove the bolt securing the PCM using a 10mm socket/wrench. **See Photo 34**.



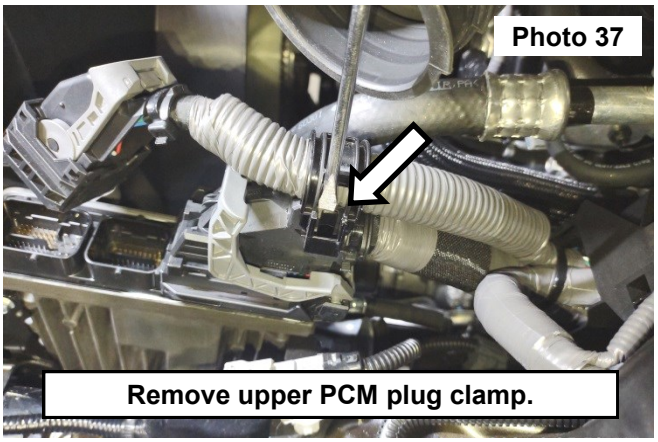


34. Use a trim remover tool to remove the wiring from the PCM brackets. **See Photo 35**.
35. Slide the levers forward to unlock and unplug the PCM. **See Photo 36**.

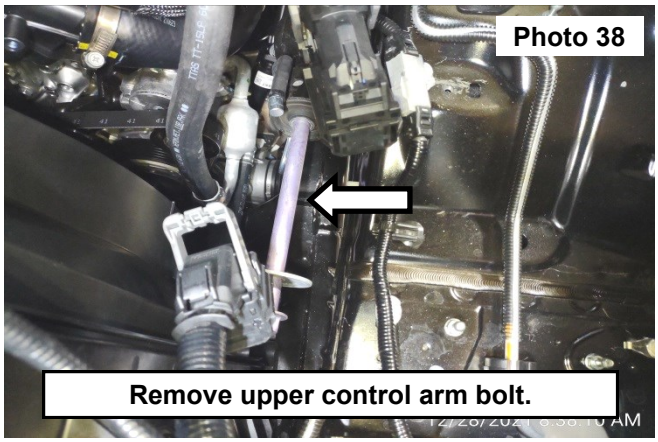




36. Remove the upper PCM plug clamp using a flat head and unplug the last PCM plug and remove the PCM from the engine bay. **See Photo 37**.
37. Remove the Dr side upper control arm bolt and remove the upper control arm. Finally! **See Photo 38**.
NOTE: After installing the upper control arm, reinstall PCM and air box in reverse order of tear down.

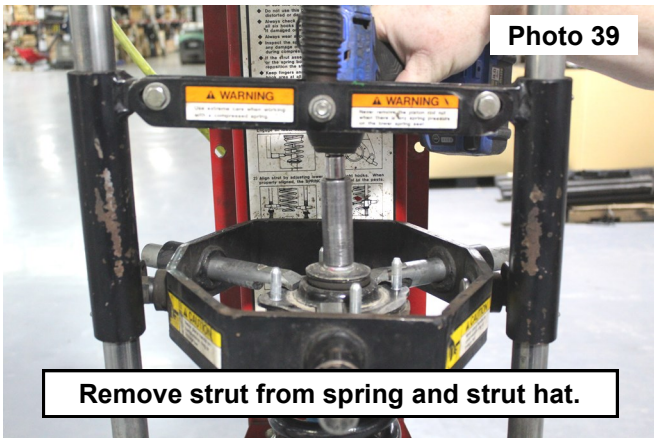


Remove upper PCM plug clamp.

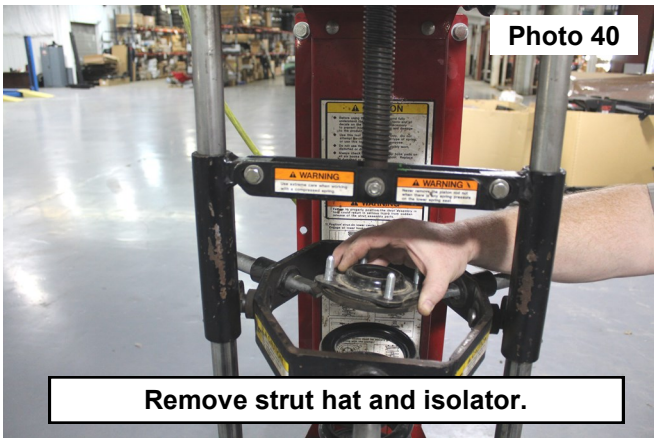


Remove upper control arm bolt.

38. Remove strut from vehicle and place strut assembly in a spring compressor, then compress the spring. Use Xmm deep well socket to remove the central strut flange nut. Retain hardware for reuse. Remove strut from spring and strut hat. **See Photo 39**.
39. Slowly release spring from spring compressor and set aside with removed strut. Remove strut hat and isolator. **See Photo 40**.

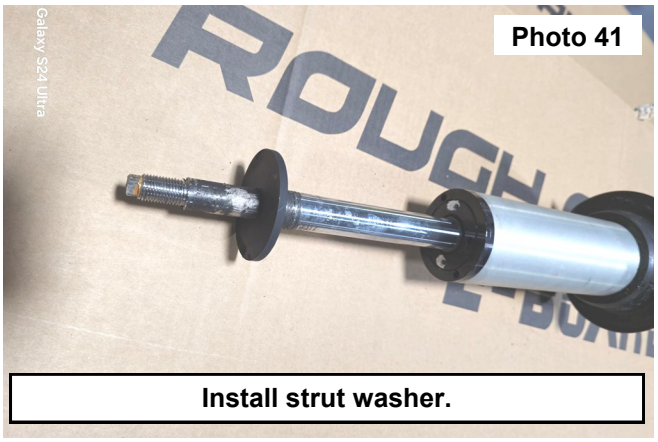


Remove strut from spring and strut hat.

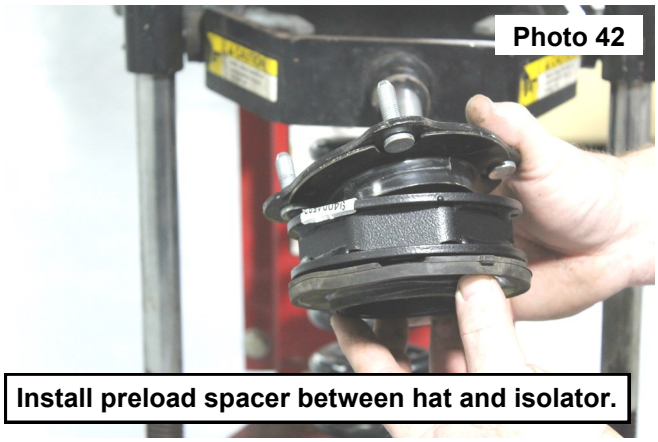


Remove strut hat and isolator.

40. Install supplied strut washer (73200BAG) on the shaft of the disassembled strut. **See Photo 41.**
41. Install supplied preload spacer between the isolator and strut hat. **See Photo 42.**
42. Reinstall assembly from Step 40 to the strut using the reverse steps from the strut teardown.
43. Place 3/8” thick spacer on top of strut assembly.

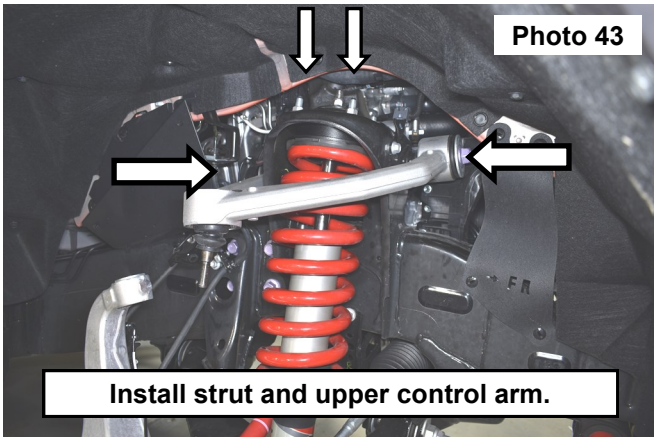


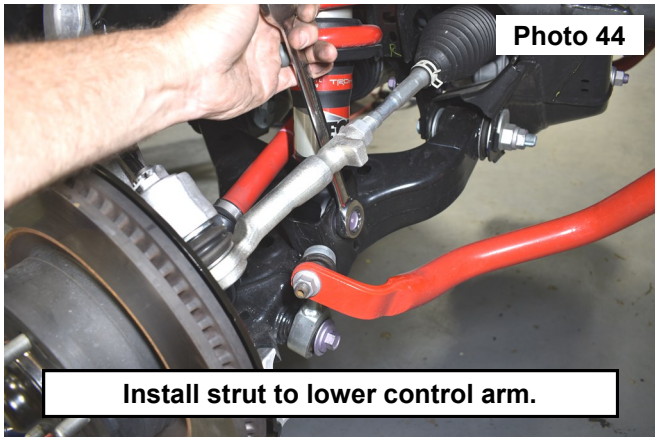
Install strut washer.



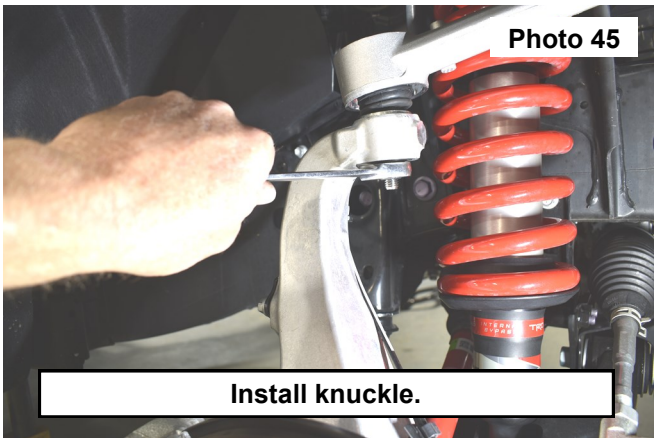
Install preload spacer between hat and isolator.

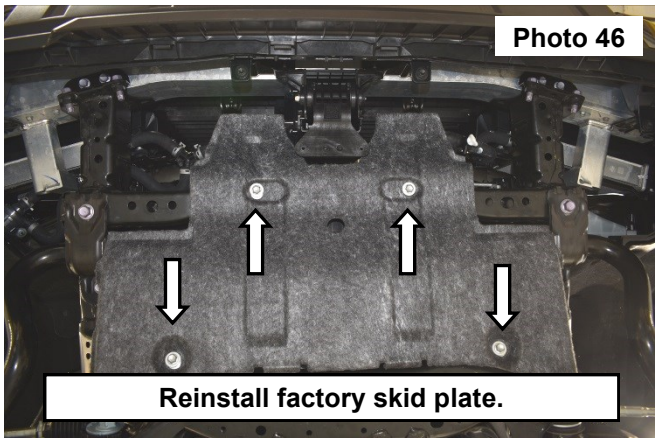
44. Install strut into the vehicle with the supplied 10mm flange nuts using a 15mm wrench and install the new upper control arm using the stock hardware. **See Photo 43.**
45. Pull the lower control arm back up and install the strut to the lower control arm using stock hardware. **See Photo 44**.



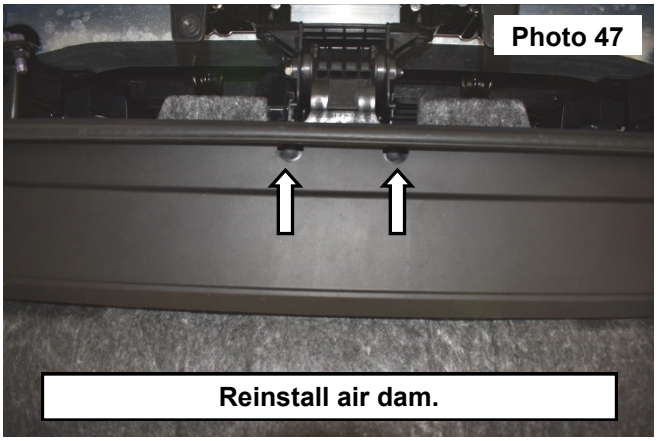


46. Reinstall the knuckle to the lower control arm using stock hardware and attach the knuckle to the upper control arm using the supplied 1/2” flat washer (81052BAG) and lock nut (RCK6540P3BAG), tighten using an 18mm wrench. **See Photo 45**.
47. **Reconnect the rack and pinion plugs**.
48. Install the factory skid plate using stock hardware. **See Photo 46.**





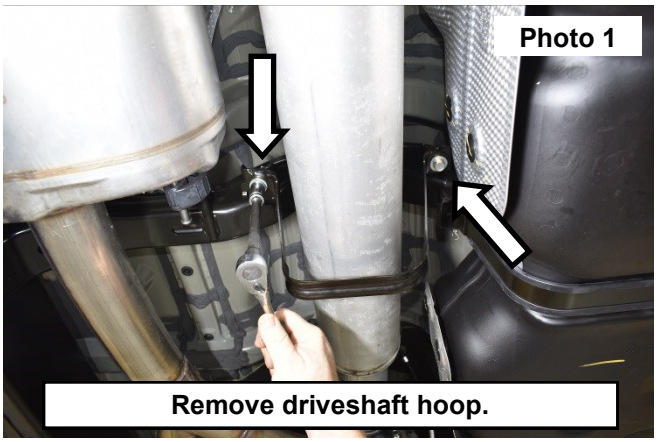
49. Reinstall air dam. **See Photo 47.**
50. Reinstall the remaining components in reverse order of assembly.
51. Put on wheels and lower.



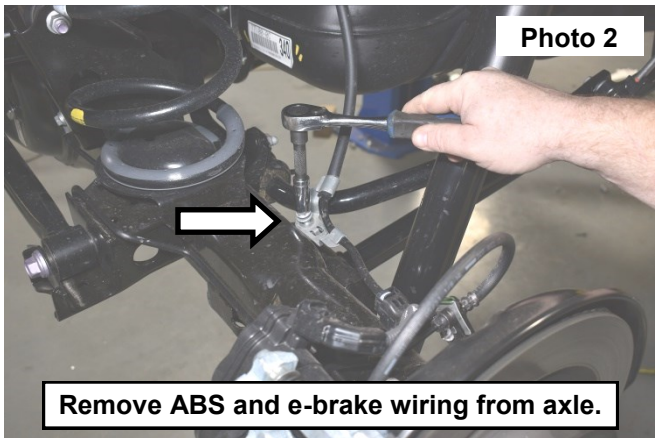
TOYOTA

REAR INSTALLATION INSTRUCTIONS

1. Jack up the rear of the vehicle and place on jack stands. Remove the rear wheels.
   NOTE: Support the axle before beginning tear down.
2. Remove the driveshaft hoop using a 14mm socket/wrench. **See Photo 1**.
3. Remove the ABS and e-brake wiring harness from the axle on the Dr and Pass sides using a 12mm socket/wrench. **See Photo 2**.

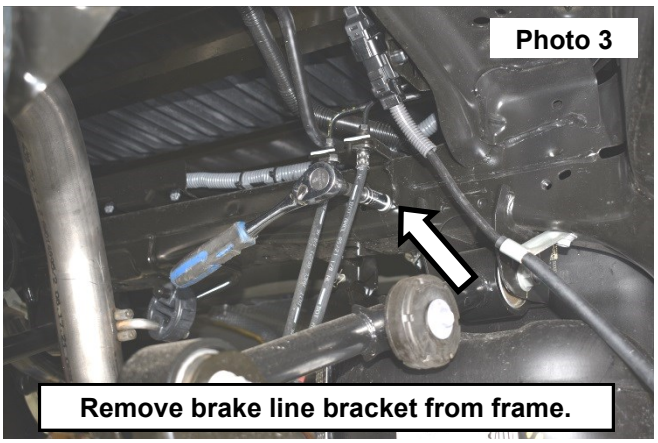


Remove driveshaft hoop.

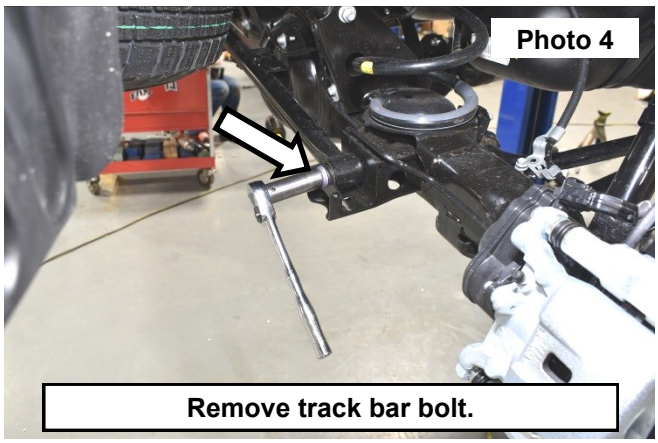


Remove ABS and e-brake wiring from axle.

4. Remove the brake line bracket from the frame using a 12mm socket/wrench. **See Photo 3**.
5. Remove the track bar bolt using a 19mm socket/wrench. **See Photo 4**.

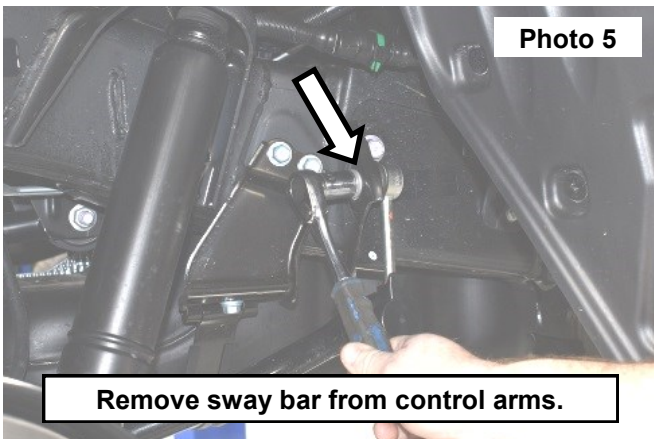


Remove brake line bracket from frame.

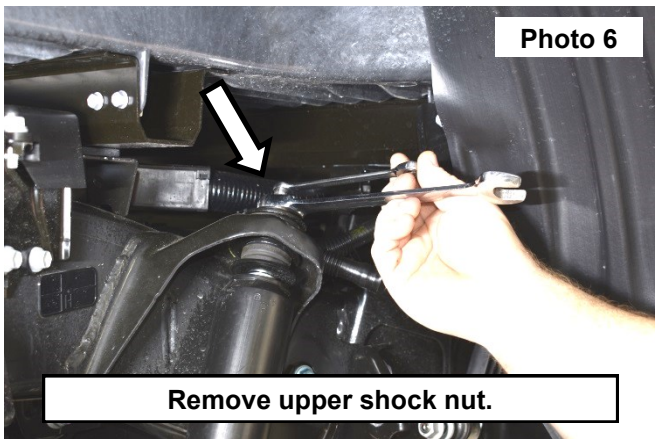


Remove track bar bolt.

6. Remove the sway bar link nut on Dr and Pass sides using a 17mm socket/wrench. **See Photo 5**.
7. Remove the upper shock nut using a 19mm wrench and 8mm wrench to hold the stem. **See Photo 6**.

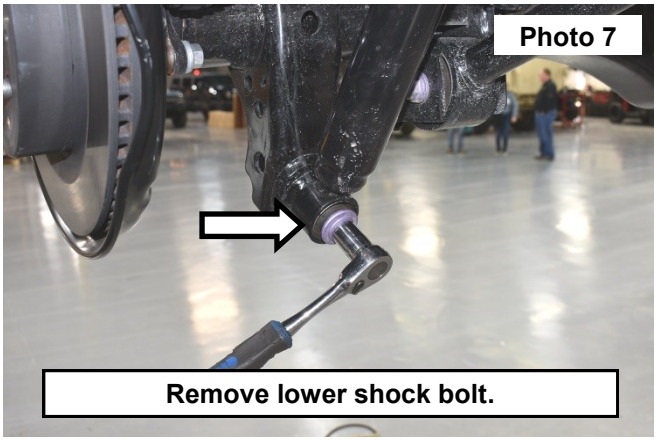


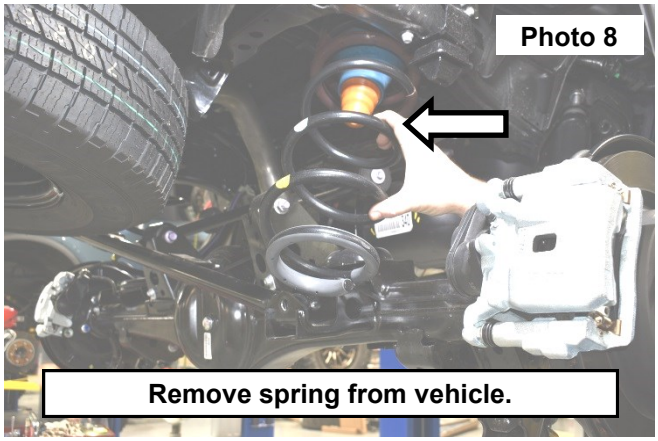
Remove sway bar from control arms.



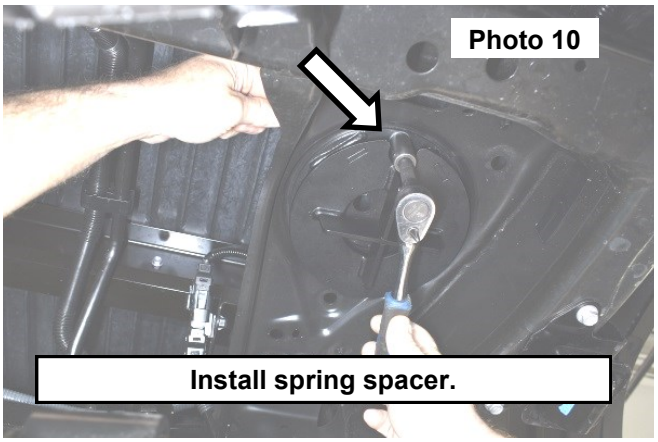
Remove upper shock nut.

8. Remove the factory lower shock bolt using a 17mm socket/wrench. Retain hardware for reuse. **See Photo 7**.
9. Either lower the axle or raise the vehicle to remove the spring from the vehicle. **See Photo 8**.

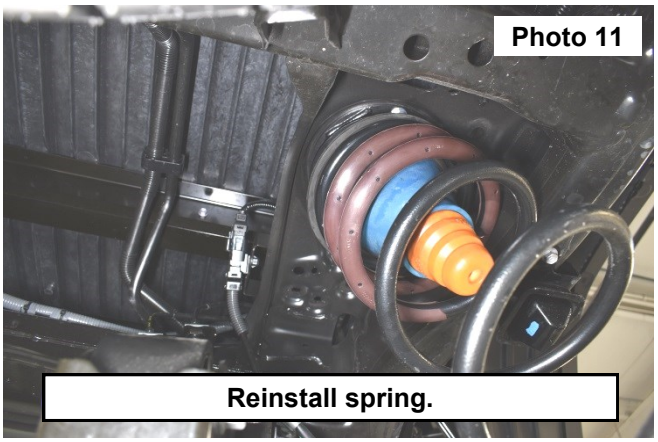


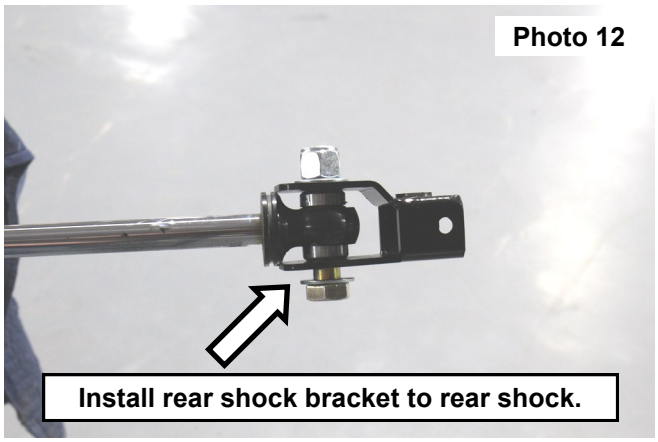


10. Reinstall the brake line with stock brake line bracket using the stock bolt at the frame using 12mm socket/wrench. **NOTE: Make sure brake lines do not rub against the top of the frame by bending away from frame slightly.**
11. Install the spring spacers to the frame in the stock spring location using the supplied 3/8” x 1” bolts, flat washers and flange nuts using a 9/16” socket/wrench. **See Photo 10**.
12. Reinstall the spring. **See Photo 11**.



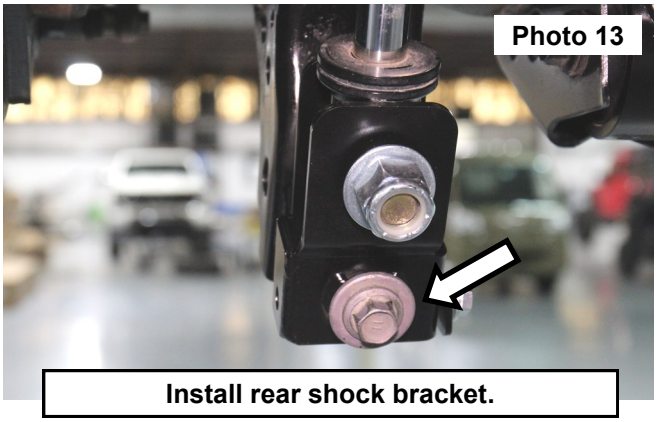
13. Install the rear shock brackets to the lower shock mount with the supplied 3/4” x 3 1/2” bolts, (2) 3/4” washers, and 3/4” lock nuts. Tighten with two 1 1/8” wrenches. **NOTE:** Bolt head must be on the flat side of the bracket. **See Photo 12.**
14. Install the rear shock mount with rear shock installed using the factory lower shock bolt. Tighten with a 17mm

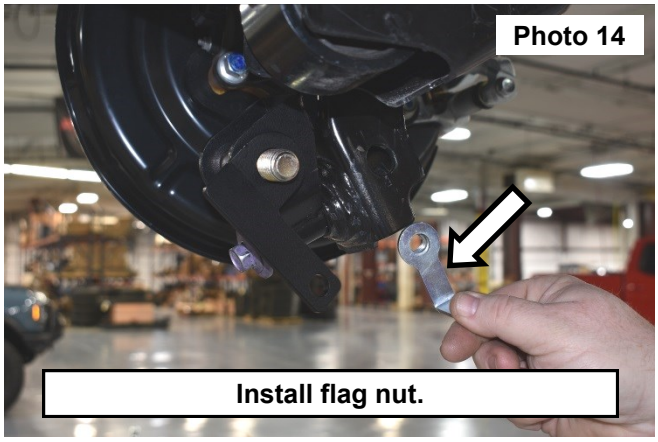




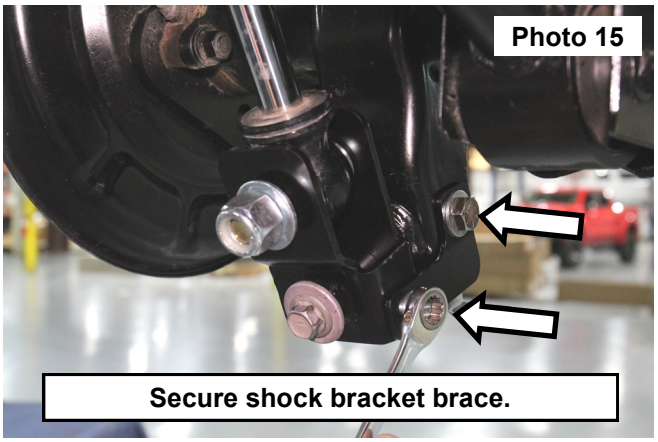
wrench. **See Photo 13.**

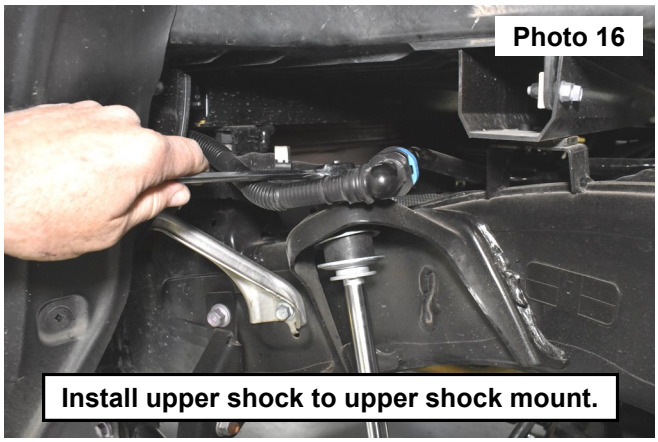
15. Secure the shock bracket brace with the supplied flag nut and (2) 1/2” x 1.25” bolt and (2) 1/2” washers using a 3/4” socket/wrench. **See Photo 14** and **Photo 15**.
16. Install the shock into the upper frame mount using the supplied hardware. Tighten using a 18mm wrench. **See Photo 16**.



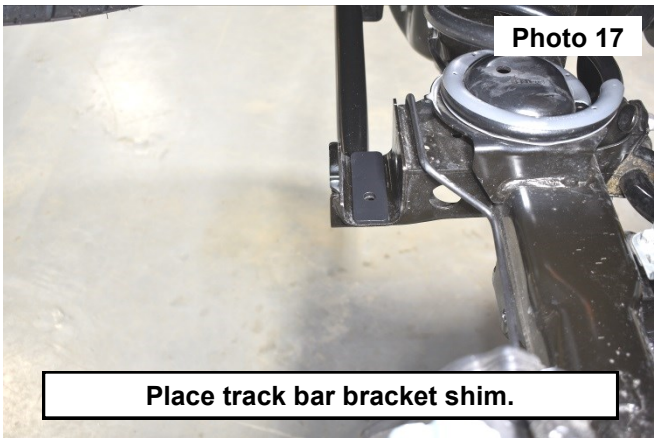


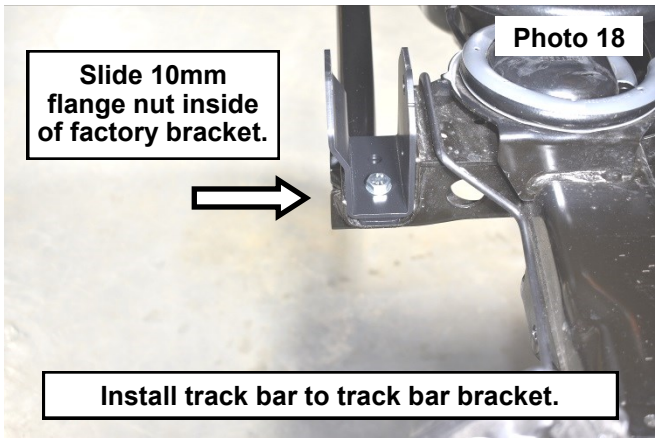
17. Place track bar bracket shim on the stock track bar bracket location with hole toward Pass side. **See Photo 17**



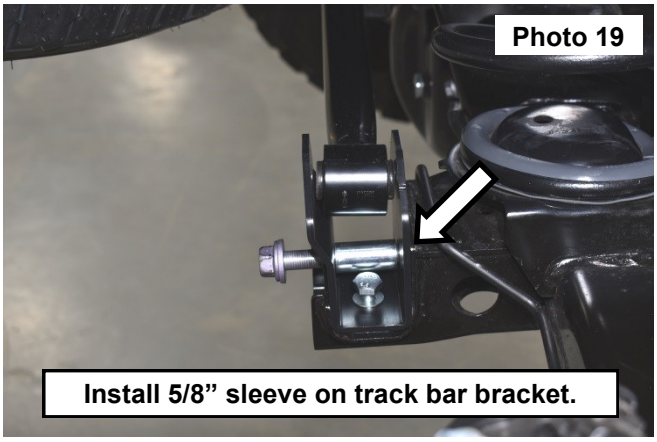


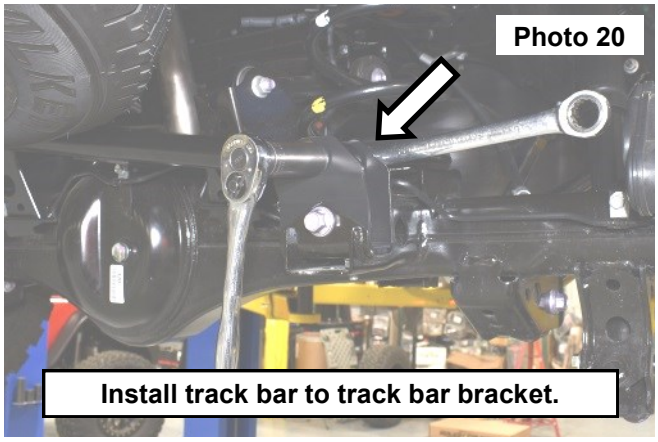
18. Install the 5/8” sleeve in the track bar bracket using the stock hardware. **See Photo 18**.
19. Install the track bar bracket with the supplied 10mm x 35mm bolt, washer, and flange nut using a 15mm and 17mm





20. Install the 5/8” sleeve in the track bar bracket using the stock hardware. **See Photo 19**.
21. Install the track bar to the track bar bracket using the supplied 14mm x 80mm bolt and nut using two 22mm sockets/ wrenches. **See Photo 20**.
22. Reinstall the remainder of the components in reverse order of tear down.
23. Put on wheels and lower.





Post Installation

1. Check all fasteners for proper torque. Check to ensure there is adequate clearance between all rotating, mobile, fixed and heated members. Check steering for interference and proper working order. Test brake system.
2. Perform steering sweep. The distance between the tire sidewall and the brake hose must be checked closely. Cycle the steering from full turn to full turn to check for clearance. Failure to perform inspections may result in component failure.
3. Have a qualified alignment center align the vehicle to factory specifications immediately.
4. Re torque all fasteners after 500 miles. Visually inspect components and re torque fasteners during routine vehicle service.
5. Readjust headlights to proper settings.

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